

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/ABD. _____* Location Abandoned - well never drilled - 9-17-82DATE FILED 3-3-80LAND: FEE & PATENTED X

STATE LEASE NO. _____

PUBLIC LEASE NO. _____

INDIAN _____

DRILLING APPROVED: 3-9-80

SPUDDED IN: _____

COMPLETED: _____

PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: LA 9-17-82FIELD: Undesignated 3/8⁴

UNIT: _____

COUNTY: DuchesneWELL NO. Pett Fee 2-1C7API NO: 43-013-30525LOCATION 1597' FT. FROM (N) ~~XX~~ LINE.1032'FT. FROM (E) ~~XX~~ LINE.SE NE1/4 - 1/4 SEC. 1

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

387W1DIAMOND SHAMROCK

FILE LOCATIONS

Entered in NID File

☒

Checked by Chief

Entered On S R Sheet

Copy NID to Field Office

Location Map Pinned

Approval Letter

Card Indexed

☒

Disapproval Letter

IWR for State or Fee Land

COMPLETION DATA:

Date Well Completed

Location Inspected

OW

VW

TA

Bond released

OW

OS

PA

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

R

I

E-I

GR

GR-N

Micro

Lat

M-L

Sonic

Others

OKW
2-9-98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Diamond Shamrock		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 5730 West Yellowstone, Casper, Wyoming 82601		8. FARM OR LEASE NAME Pett Fee
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1032' FEL, 1597' FNL. Sec. 1, T3S, R7W, U.S.M. At proposed prod. zone Same		9. WELL NO. 2-1C7
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 17 Miles Northwest from Duchesne, Utah		10. FIELD AND POOL, OR WILDCAT Wasatch
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1032	16. NO. OF ACRES IN LEASE 640	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T3S, R7W, U.S.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 12,850	12. COUNTY OR PARISH Duchesne
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6785 Ground		13. STATE Utah
22. APPROX. DATE WORK WILL START* March 5, 1980		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36#	1000'	Circulate to Surface
8 3/4"	7"	23 & 26#	9600'	200 Sacks
6 1/8"	4 1/2"	13.5#	12,850'	500 Sacks

Plan to drill to approximately 1000 ft. and set 9 5/8" surface casing. Will install and pressure test B.O.P. Will resume drilling to approximately 9600 ft. and set 7" intermediate casing. Will reinstall and pressure test B.O.P. equipment. Will drill ahead to approximately 12,500' and if commercial production is indicated, will set 4 1/2" liner and complete well.

SAFETY EQUIPMENT PROGRAM

Refer to GEOLOGICAL CASING AND BOPE DATA

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED William R. Smith TITLE Dist. Supt. DATE 2-29-80

(This space for Federal or State office use)

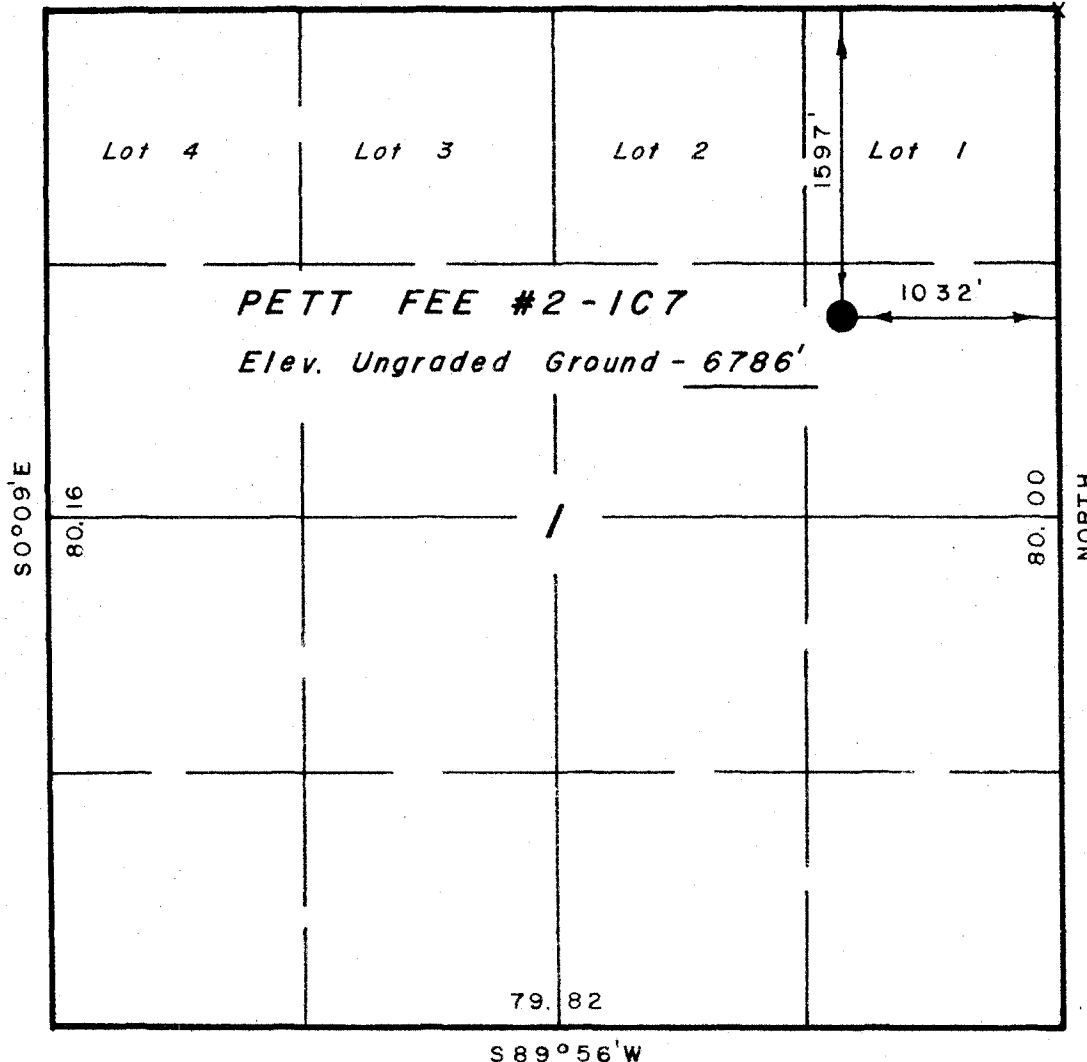
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T 3 S , R 7 W , U.S.B.&M.

N89°56'E



X = Section Corners Located

PROJECT

DIAMOND SHAMROCK

Well location, *PETT FEE #2-107*, located as shown in the SE 1/4 NE 1/4 Section 1, T3S, R7W, U.S.B.&M. Duchesne County, Utah.

NOTE:

Basis of Bearings is from Solar Observations.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

James Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	2 / 29 / 80
PARTY	G.S. W.C.	SB.	REFERENCES GLO Plat
WEATHER	Fair	FILE	DIAMOND SHAMROCK

GEOLOGICAL CASING AND BOPE DATA

1. SURFACE FORMATION -

Duchesne River

2. ESTIMATED FORMATION TOPS -

Green River	8345
Wasatch	9655
Flagstaff	11,575
North Horn	12,850

3. EXPECTED MINERAL BEARING FORMATION -

Wasatch - Oil & Gas
No front water below 300'
No known mineral deposits will be penetrated

4. PROPOSED CASING PROGRAM -

A. Surface casing - 9 5/8" 36# ST&C, K55, 1000'
B. Intermediate - 7", 23#, & 26#, S95 & K55, 10C, 9600'
C. Production casing - 4 1/2", 13.50#, L10C, 9400' - 12,500'

5. BLOWOUT PREVENTORS -

10" 1500 series
Double gate Schafer with a hydril

6. CIRCULATING MEDIUM -

Air and water to 5000'
Light mud-chemical gel
Dispersed chemical gel 12# per gal

7. AUXILLARY EQUIPMENT -

Upper and lower Kelly Cock
Float will be used as needed
Automatic monitoring of mud pit
Full opening - stabbing valve will be on floor at all times
Remote control choke
Degasser

8. TESTING, LOGGING AND CORING PROCEDURES -

Drill stem tests - none
Coring - none
IES, density and sonic

GEOLOGICAL CASING AND BOPE DATA

CONTINUED:

9. ANTICIPATED HAZARDS -

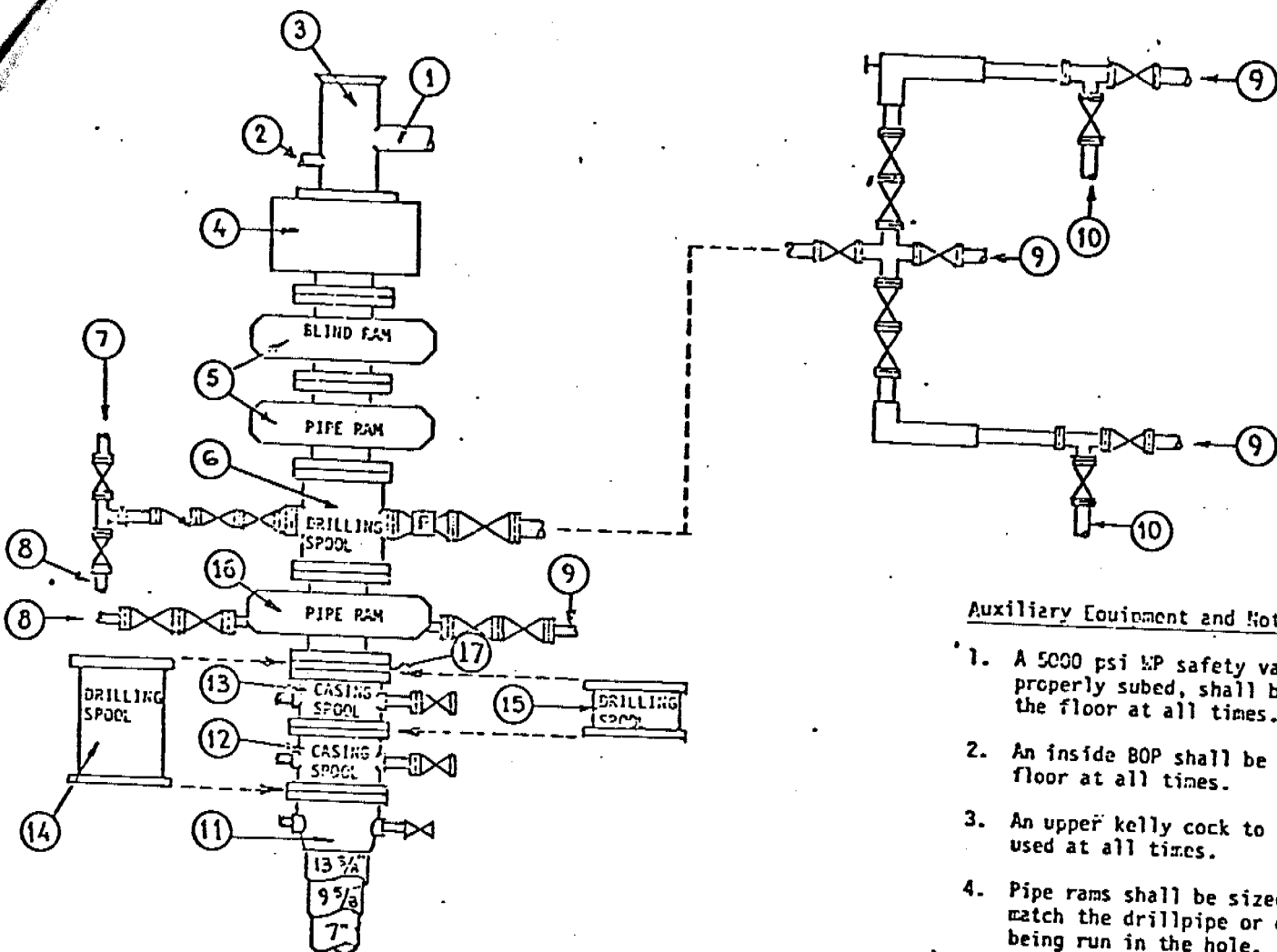
Abnormal pressure: Possible 12# to gal. pressure gradient in the Wasatch
Temperatures: none anticipated
Sulfide gas: none anticipated

10. ANTICIPATED STARTING DATE -

~~March 25, 1979~~

March 5, 1980

BLOWOUT PREVENTION, WELLHEAD, AND AUXILIARY EQUIPMENT



Auxiliary Equipment and Notes:

1. A 5000 psi WP safety valve, properly subed, shall be on the floor at all times.
2. An inside BOP shall be on the floor at all times.
3. An upper kelly cock to be used at all times.
4. Pipe rams shall be sized to match the drillpipe or casing being run in the hole.
5. Mud system monitoring equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after mud up or upon reaching a depth at which abnormal pressures could occur.
6. BOP equipment shall be pressure tested upon installation and periodically thereafter. Operational test of ram type preventers shall be performed on each trip.

Item No.	Description
1	Mud return flow line
2	Fillup line - min. 2"
3	Drilling Nipple
4	13-5/8" - 5000 psi WP-Annular Bag Type BOP - Shaffer or Hydral
5	Two single or one dual - hydraulically operated - 13-5/8" - 5000 psi WP - Ram Type BOP - Cameron Type U or Shaffer LHS
6	13-5/8" - 5000 psi WP Drilling Spool
7	10 mud pumps
8	10 remote pump in station
9	10 burn pit
10	10 gas buster
11	12" - 5000 psi WP-Slip On and Weld-Casing Head
12	12" - 5000 psi WP x 10" - 5000 psi WP Casing Spool
13	10" - 5000 psi WP x 10" - 5000 psi WP Casing Spool
14	12" - 5000 psi WP x 13-5/8" - 5000 psi WP Drilling Spool - while drilling 12-1/4" hole
15	10" - 5000 psi WP x 10" - 5000 psi WP Drilling Spool - while drilling 8-3/4" hole
16	13-5/8" - 5000 psi - hydraulically operated - Cameron Type U - Ram Type BOP
17	13-5/8" - 5000 psi WP x 10" - 5000 psi WP Double Studded Adapter Flange

Well Name _____

Field _____

County _____

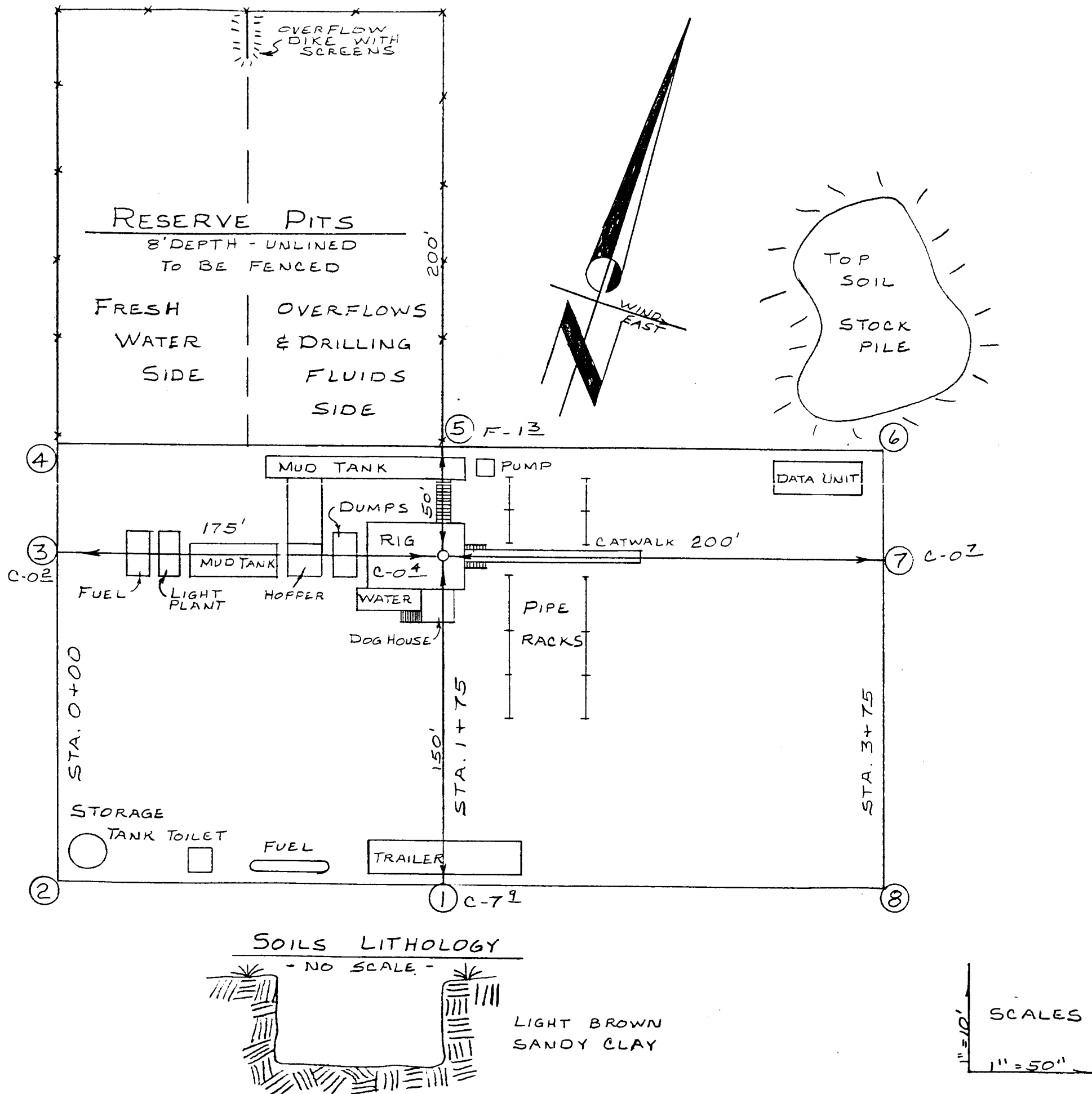
State **UTAH**

Attachment No. **EXHIBIT "B"**

DIAMOND SHAMROCK

PETT FEE #2-107

LOCATION LAYOUT & CUT SHEET



SCALE - 1" = 4 MI.



UINAH AND OURAY INDIAN RESERVE

PROPOSED GRAY WOLF MIDWINTER LOCATION

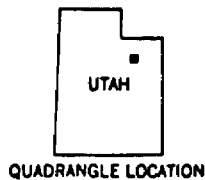
DIAMOND SHAMROCK
PROPOSED LOCATION
PETT FEE #2-1C7

Topo. MAP "B"

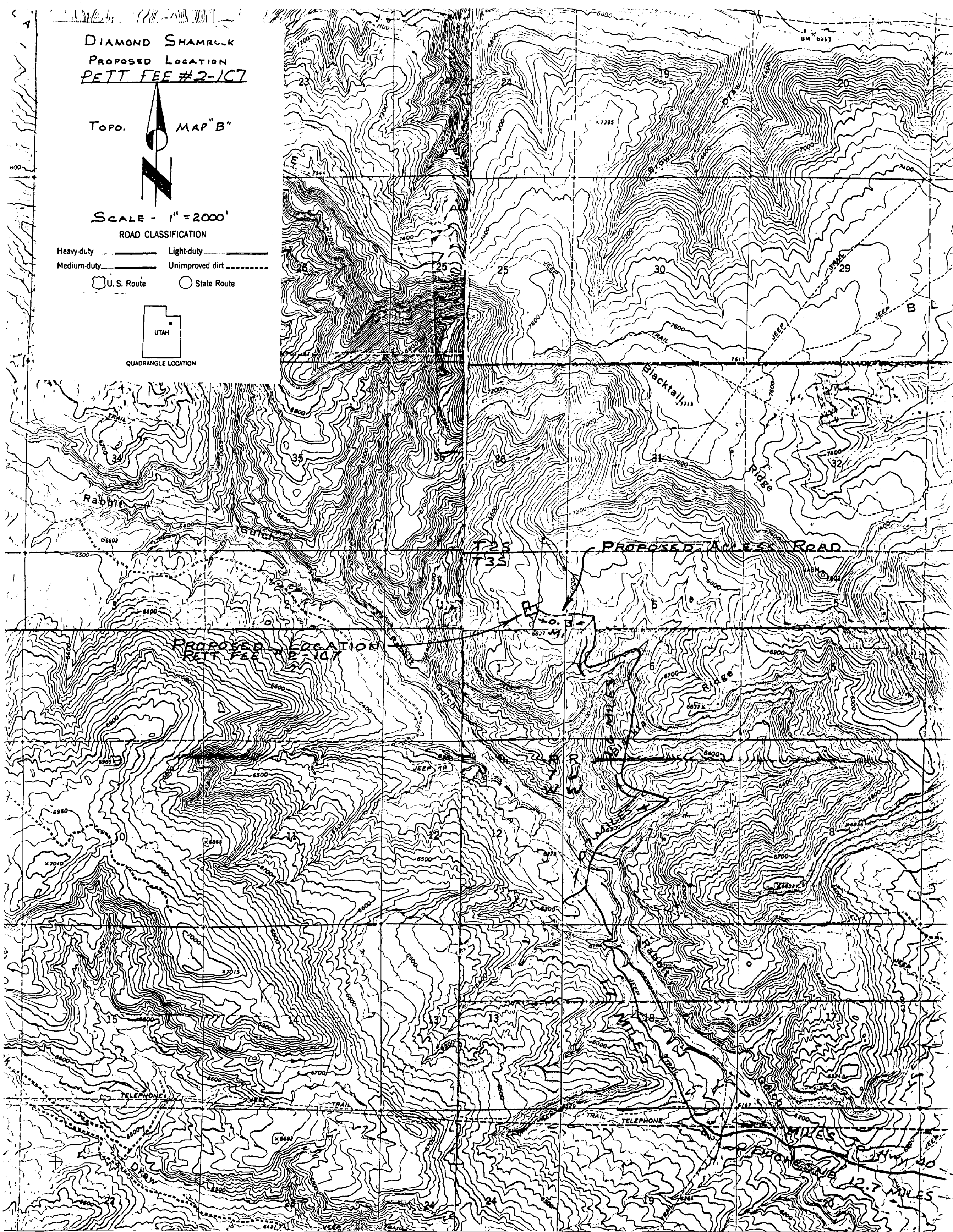
SCALE - 1" = 2000'

ROAD CLASSIFICATION

Heavy-duty _____ Light-duty _____
Medium-duty _____ Unimproved dirt - - - - -
U. S. Route State Route



QUADRANGLE LOCATION



DIAMOND SHAMROCK
PROPOSED LOCATION
PETT FEE #2-1C7

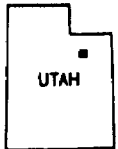
TOPO.

MAP "B"

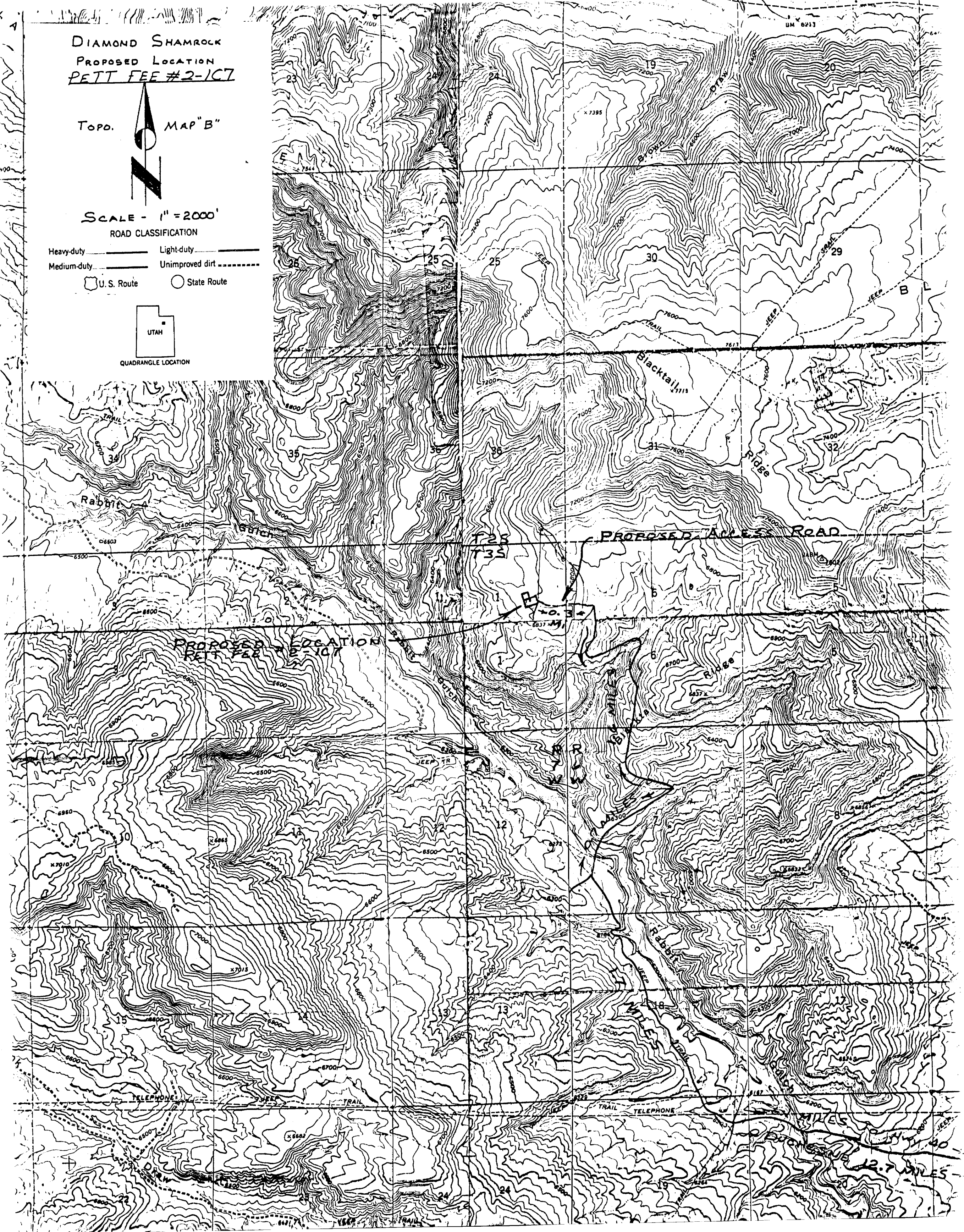
SCALE - 1" = 2000'

ROAD CLASSIFICATION

Heavy-duty _____ Light-duty _____
Medium-duty _____ Unimproved dirt - - - - -
U.S. Route State Route

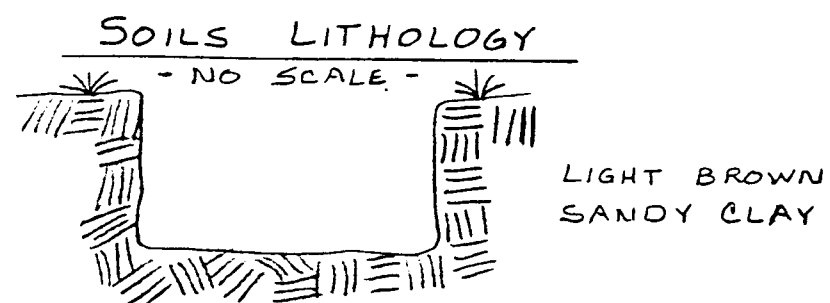


QUADRANGLE LOCATION



PETT FEE #2-1C7

LOCATION LAYOUT & CUT SHEET



SCALES

1" = 10'

1" = 50'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Fee	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Diamond Shamrock			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 5730 West Yellowstone, Casper, Wyoming 82601			8. FARM OR LEASE NAME Pett Fee	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1032' FEL, 1597' FNL. Sec. 1, T3S, R7W, U.S.M. At proposed prod. zone Same			9. WELL NO. 2-1C7	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 17 Miles Northwest from Duchesne, Utah			10. FIELD AND POOL, OR WILDCAT Wasatch	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1032			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T3S, R7W, U.S.M.	
16. NO. OF ACRES IN LEASE 640			12. COUNTY OR PARISH Duchesne	
17. NO. OF ACRES ASSIGNED TO THIS WELL 80			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			14. COUNTY OR PARISH Duchesne	
19. PROPOSED DEPTH 12,850			15. STATE Utah	
20. ROTARY OR CABLE TOOLS Rotary			16. COUNTY OR PARISH Duchesne	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6785 Ground			17. STATE Utah	
22. APPROX. DATE WORK WILL START* March 5, 1980			18. COUNTY OR PARISH Duchesne	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36#	1000'	Circulate to Surface
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SAFETY EQUIPMENT PROGRAM

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24. SIGNED William L. Eckhart TITLE Dist. Supt. DATE 2-29-80

(This space for Federal or State office use)

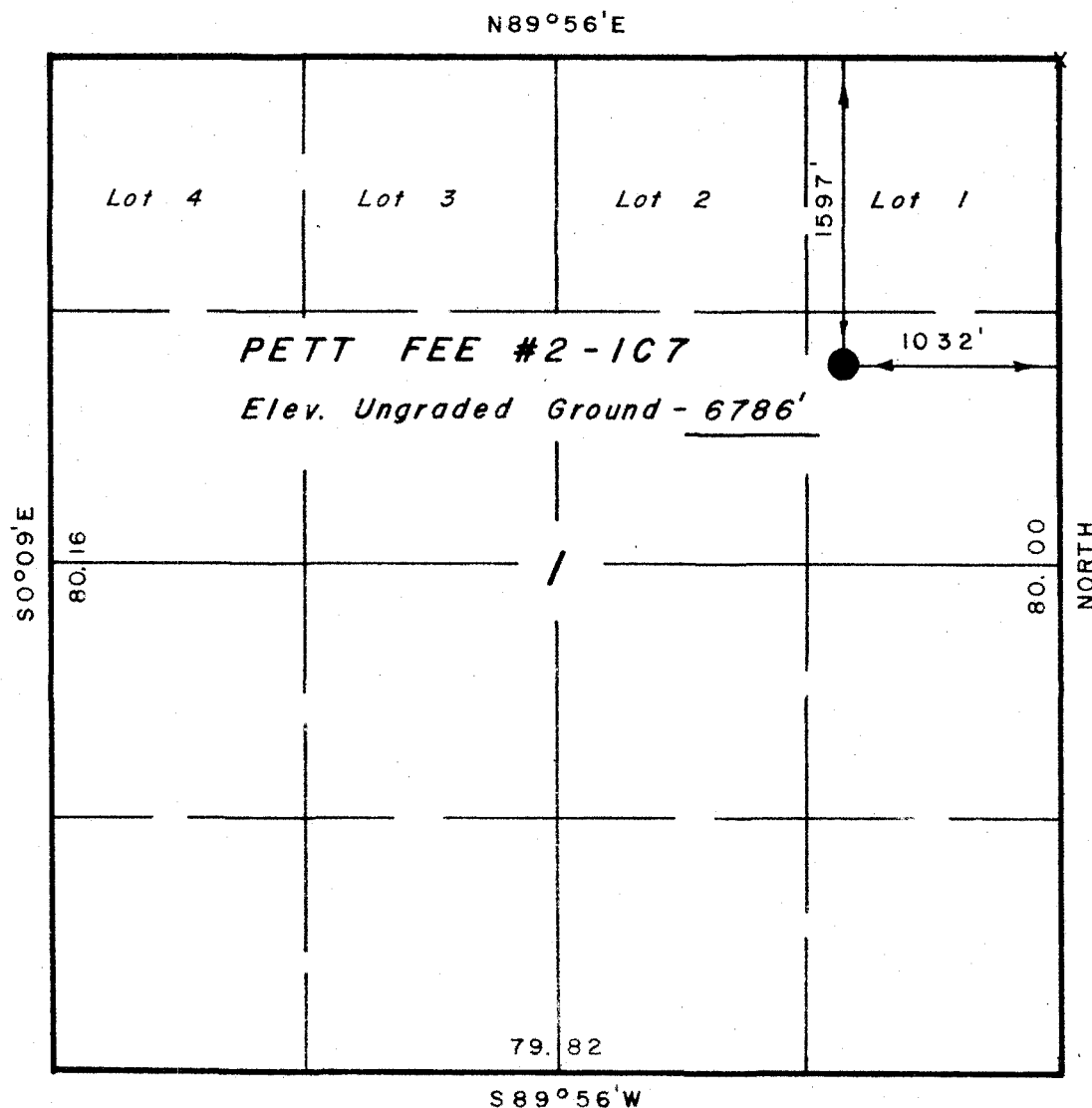
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T 3 S , R 7 W , U.S.B.&M.



X = Section Corners Located

PROJECT
DIAMOND SHAMROCK

Well location, *PETT FEE #2-1C7*, located as shown in the SE 1/4 NE 1/4 Section 1, T3S, R7W, U.S.B.&M. Duchesne County, Utah.

NOTE:

Basis of Bearings is from Solar Observations.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX 9 - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	2 / 29 / 80
PARTY	G.S. W.C.	SB.	REFERENCES GLO Plat
WEATHER	Fair	FILE	DIAMOND SHAMROCK

GEOLOGICAL CASING AND BOPE DATA

1. SURFACE FORMATION -

Duchesne River

2. ESTIMATED FORMATION TOPS -

Green River	8345
Wasatch	9655
Flagstaff	11,575
North Horn	12,850

3. EXPECTED MINERAL BEARING FORMATION -

Wasatch - Oil & Gas
No front water below 300'
No known mineral deposits will be penetrated

4. PROPOSED CASING PROGRAM -

A. Surface casing - 9 5/8" 36# ST&C, K55, 1000'
B. Intermediate - 7", 23#, & 26#, S95 & K55, 10C, 9600'
C. Production casing - 4 1/2", 13.50#, L10C, 9400' - 12,500'

5. BLOWOUT PREVENTORS -

10" 1500 series
Double gate Schafer with a hydril

6. CIRCULATING MEDIUM -

Air and water to 5000'
Light mud-chemical gel
Dispersed chemical gel 12# per gal

7. AUXILLARY EQUIPMENT -

Upper and lower Kelly Cock
Float will be used as needed
Automatic monitoring of mud pit
Full opening - stabbing valve will be on floor at all times
Remote control choke
Degasser

8. TESTING, LOGGING AND CORING PROCEDURES -

Drill stem tests - none
Coring - none
IES, density and sonic

GEOLOGICAL CASING AND BOPE DATA

CONTINUED:

9. ANTICIPATED HAZARDS -

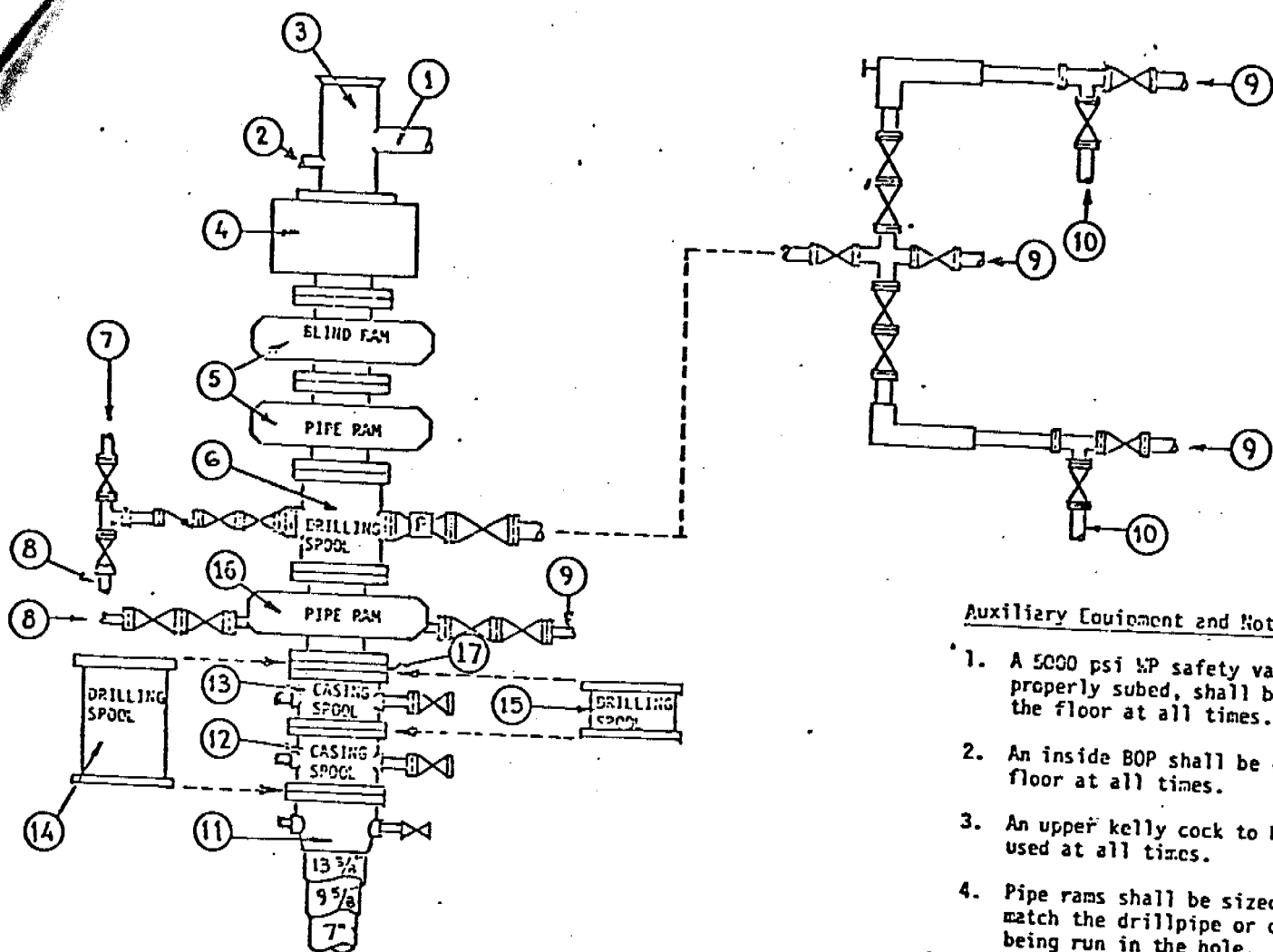
Abnormal pressure: Possible 12# to gal. pressure gradient in the Wasatch
Temperatures: none anticipated
Sulfide gas: none anticipated

10. ANTICIPATED STARTING DATE -

~~March 25, 1979~~

March 5, 1980

BLOWOUT PREVENTION, WELLHEAD, AND AUXILIARY EQUIPMENT



Auxiliary Equipment and Notes:

1. A 5000 psi WP safety valve, properly subed, shall be on the floor at all times.
2. An inside BOP shall be on the floor at all times.
3. An upper kelly cock to be used at all times.
4. Pipe rams shall be sized to match the drillpipe or casing being run in the hole.
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Item No.	Description
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2	Fillup line - min. 2"
3	Drilling Nipple
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5	Two single or one dual - hydraulically operated - 13-5/8" - 5000 psi WP - Ram Type BOP - Cameron Type U or Shaffer LWS
6	13-5/8" - 5000 psi WP Drilling Spool
7	To mud pumps
8	To remote pump in station.
9	To burn pit
10	To gas buster
11	12" - 3000 psi WP-Slip On and Weld-Casing Head
12	12" - 3000 psi WP x 10" - 5000 psi WP Casing Spool
13	10" - 5000 psi WP x 10" - 5000 psi WP Casing Spool
14	12" - 3000 psi WP x 13-5/8" - 5000 psi WP Drilling Spool - while drilling 12-1/4" hole
15	10" - 5000 psi WP x 10" - 5000 psi WP Drilling Spool - while drilling 8-3/4" hole
16	13-5/8" - 5000 psi - hydraulically operated - Cameron Type U - Ram Type BOP
17	13-5/8" - 5000 psi WP x 10" - 5000 psi WP Double Studded Adapter Flange

Well Name _____

Field _____

County _____

State _____

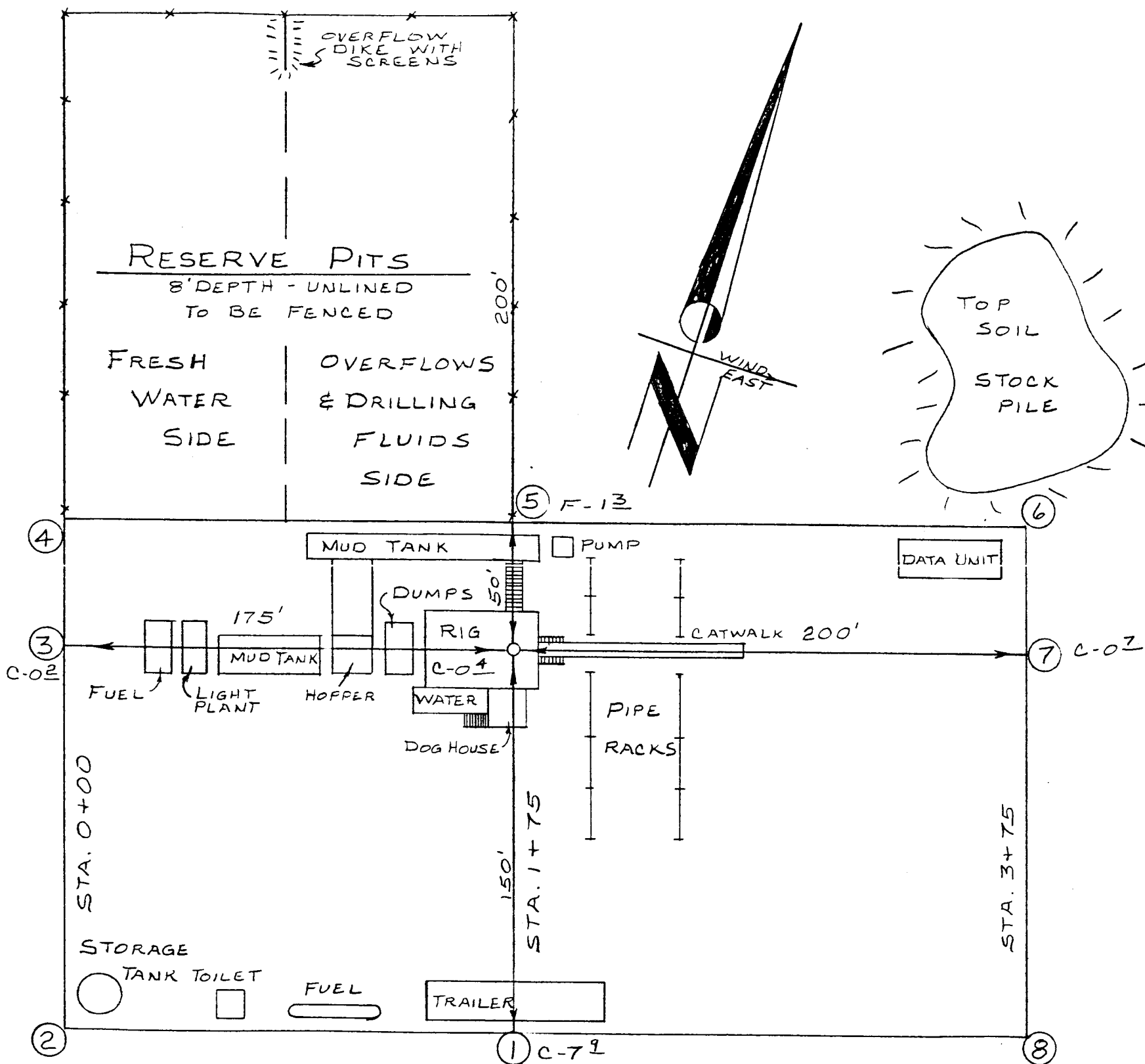
UTAH

Attachment No. EXHIBIT "B"

DIAMOND SHAMROCK

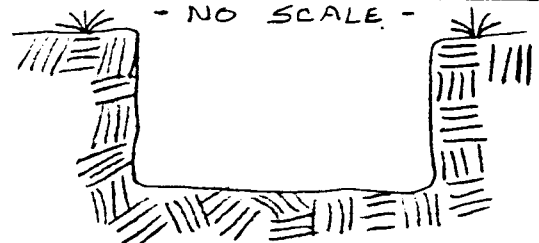
PETT FEE #2-1C7

LOCATION LAYOUT & CUT SHEET



SOILS LITHOLOGY

- NO SCALE -



LIGHT BROWN
SANDY CLAY

1" = 10'
1" = 50'

SCALES

DIAMOND SHAMROCK
PROPOSED LOCATION
PETT FEE #2-1C7

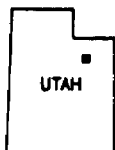
Topo. MAP "B"



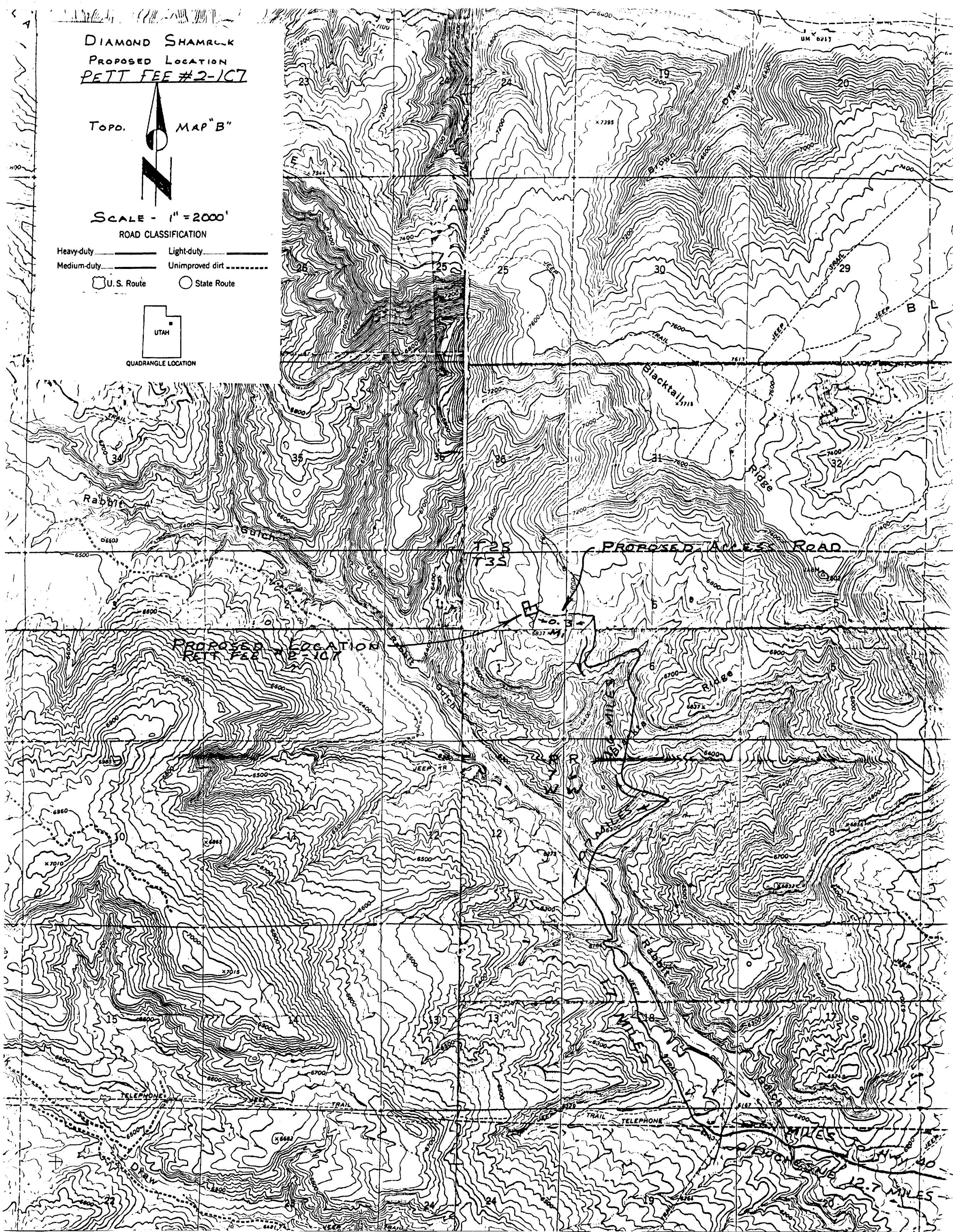
SCALE - 1" = 2000'

ROAD CLASSIFICATION

Heavy-duty _____ Light-duty _____
Medium-duty _____ Unimproved dirt - - - - -
U. S. Route State Route



QUADRANGLE LOCATION



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Diamond Shamrock

3. ADDRESS OF OPERATOR

5730 West Yellowstone, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1032' FEL, 1597' FNL. Sec. 1, T3S, R7W, U.S.M.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

17 Miles Northwest from Duchesne, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

1032

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED

TO THIS WELL

80

19. PROPOSED DEPTH

12,850

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6785 Ground

22. APPROX. DATE WORK WILL START*

March 5, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36#	1000'	Circulate to Surface
8 3/4"	7"	23 & 26#	9600'	200 Sacks
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Plan to drill to approximately 1000 ft. and set 9 5/8" surface casing. Will install and pressure test B.O.P. Will resume drilling to approximately 9600 ft. and set 7" intermediate casing. Will reinstall and pressure test B.O.P. equipment. Will drill ahead to approximately 12,500' and if commercial production is indicated, will set 4 1/2" liner and complete well.

SAFETY EQUIPMENT PROGRAM

Refer to GEOLOGICAL CASING AND BOPE DATA

RECEIVED

MAR 3 1980

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

William R. Elliott

TITLE

Dist. Supt.

DATE

2-29-80

(This space for Federal or State office use)

PERMIT NO.

43-~~30525~~-3
013-30525

APPROVAL DATE

3/5/80

APPROVED BY

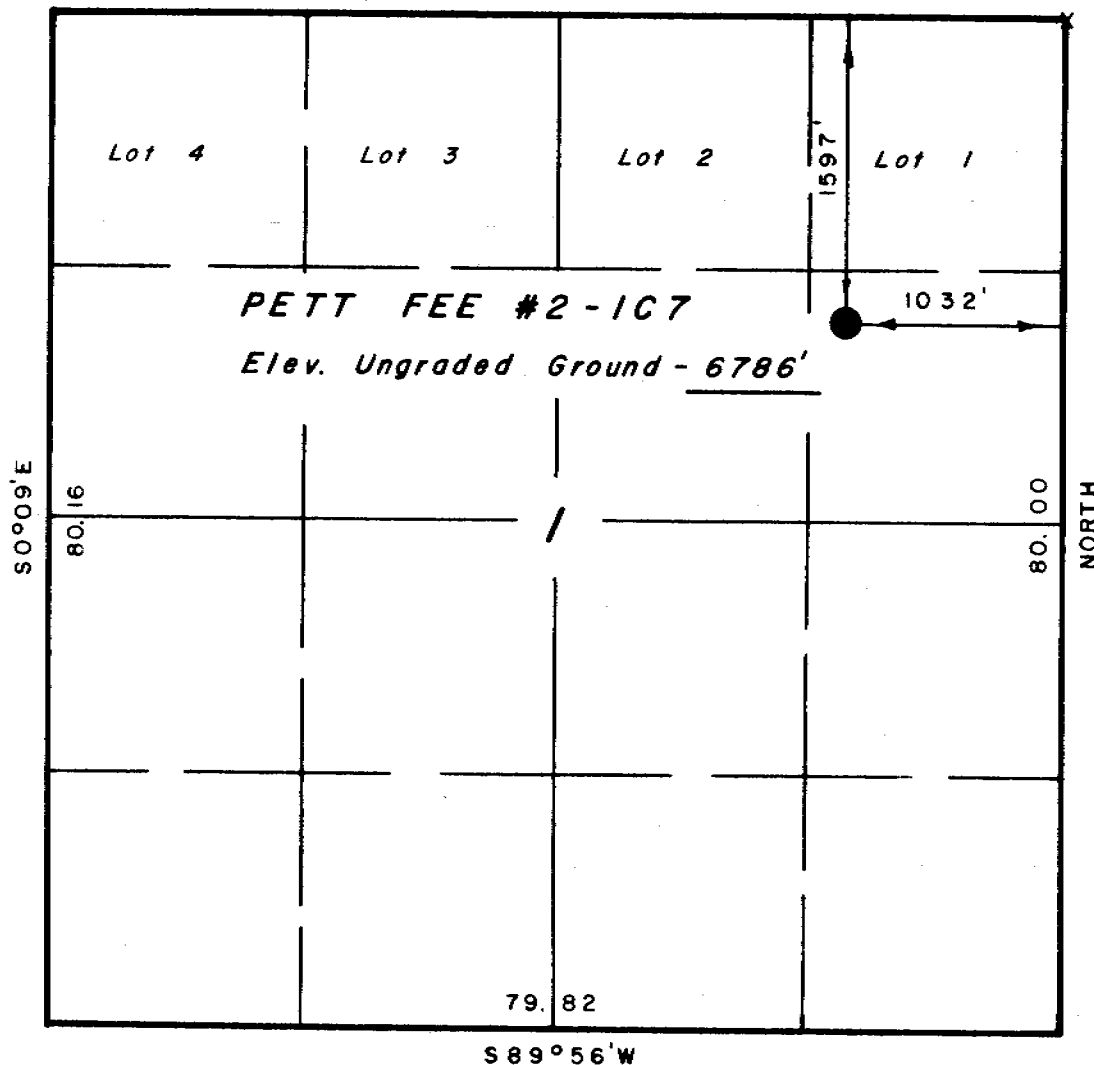
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

T 3 S , R 7 W , U.S.B.&M.

N89°56'E



X = Section Corners Located

PROJECT

DIAMOND SHAMROCK

Well location, PETT FEE #2-1C7, located as shown in the SE 1/4 NE 1/4 Section 1, T3S, R7W, U.S.B.&M. Duchesne County, Utah.

NOTE:

Basis of Bearings is from Solar Observations.

DIVISION OF
OIL, GAS & MINING

MAR 3 1980

RECEIVED



CERTIFICATE

I HEREBY CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO. 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P O BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	2 / 29 / 80
PARTY	G.S. W.C. SB.	REFERENCES	GLO Plat
WEATHER	Fair	FILE	DIAMOND SHAMROCK

GEOLOGICAL CASING AND BOPE DATA

1. SURFACE FORMATION -

Duchesne River

2. ESTIMATED FORMATION TOPS -

Green River	8345
Wasatch	9655
Flagstaff	11,575
North Horn	12,850

3. EXPECTED MINERAL BEARING FORMATION -

Wasatch - Oil & Gas

No front water below 300'

No known mineral deposits will be penetrated

4. PROPOSED CASING PROGRAM -

A. Surface casing - 9 5/8" 36# ST&C, K55, 1000'

B. Intermediate - 7", 23#, & 26#, S95 & K55, 10C, 9600'

C. Production casing - 4 1/2", 13.50#, L10C, 9400' - 12,500'

5. BLOWOUT PREVENTORS -

10" 1500 series

Double gate Schafer with a hydril

6. CIRCULATING MEDIUM -

Air and water to 5000'

Light mud-chemical gel

Dispersed chemical gel 12# per gal

7. AUXILLARY EQUIPMENT -

Upper and lower Kelly Cock

Float will be used as needed

Automatic monitoring of mud pit

Full opening - stabbing valve will be on floor at all times

Remote control choke

Degasser

8. TESTING, LOGGING AND CORING PROCEDURES -

Drill stem tests - none

Coring - none

IES, density and sonic

GEOLOGICAL CASING AND BOPE DATA

CONTINUED:

9. ANTICIPATED HAZARDS -

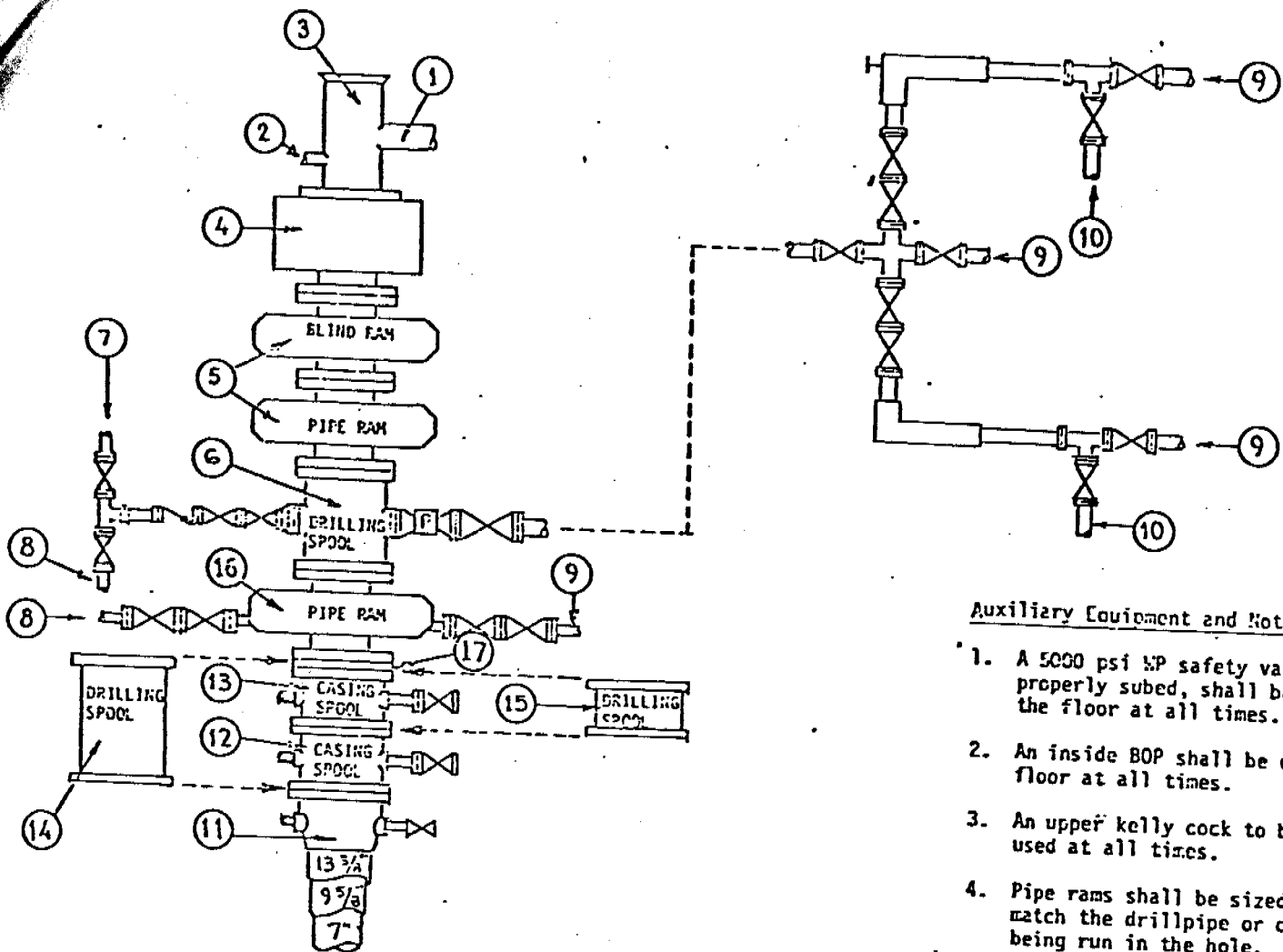
Abnormal pressure: Possible 12# to gal. pressure gradient in the Wasatch
Temperatures: none anticipated
Sulfide gas: none anticipated

10. ANTICIPATED STARTING DATE -

~~March 25, 1979~~

March 5, 1980

BLOWDOWN PREVENTION, WELLHEAD, AND AUXILIARY EQUIPMENT



Auxiliary Equipment and Notes:

1. A 5000 psi WP safety valve, properly subed, shall be on the floor at all times.
2. An inside BOP shall be on the floor at all times.
3. An upper kelly cock to be used at all times.
4. Pipe rams shall be sized to match the drillpipe or casing being run in the hole.
5. Mud system monitoring equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after mud up or upon reaching a depth at which abnormal pressures could occur.
6. BOP equipment shall be pressure tested upon installation and periodically thereafter. Operational test of ram type preventers shall be performed on each trip.

Item No.	Description
1	Mud return flow line
2	Fillup line - min. 2"
3	Drilling string
4	13-5/8" - 5000 psi WP-Annular Bag Type EOP - Shaffer or Hydril
5	Two single or one dual - hydraulically operated - 13-5/8" - 5000 psi WP - Ram Type EOP - Cameron Type U or Shaffer LWS
6	13-5/8" - 5000 psi WP Drilling Spool
7	10 mud pumps
8	10 remote pump in station
9	10 burn pit
10	10 gas buster
11	12" - 3000 psi WP-Skin On and Weld-Casing Head
12	12" - 3000 psi WP x 10" - 5000 psi WP Casing Spool
13	10" - 5000 psi WP x 10" - 5000 psi WP Casing Spool
14	12" - 3000 psi WP x 13-5/8" - 5000 psi WP Drilling Spool - while Drilling 12-1/4" hole
15	10" - 5000 psi WP x 10" - 5000 psi WP Drilling Spool - while Drilling 8-3/4" hole
16	13-5/8" - 5000 psi - hydraulically Operated - Cameron Type U - Ram Type EOP
17	13-5/8" - 5000 psi WP x 10" - 5000 psi WP Double Studded Adapter Flange

Well Name

Field

County

State

UTAH

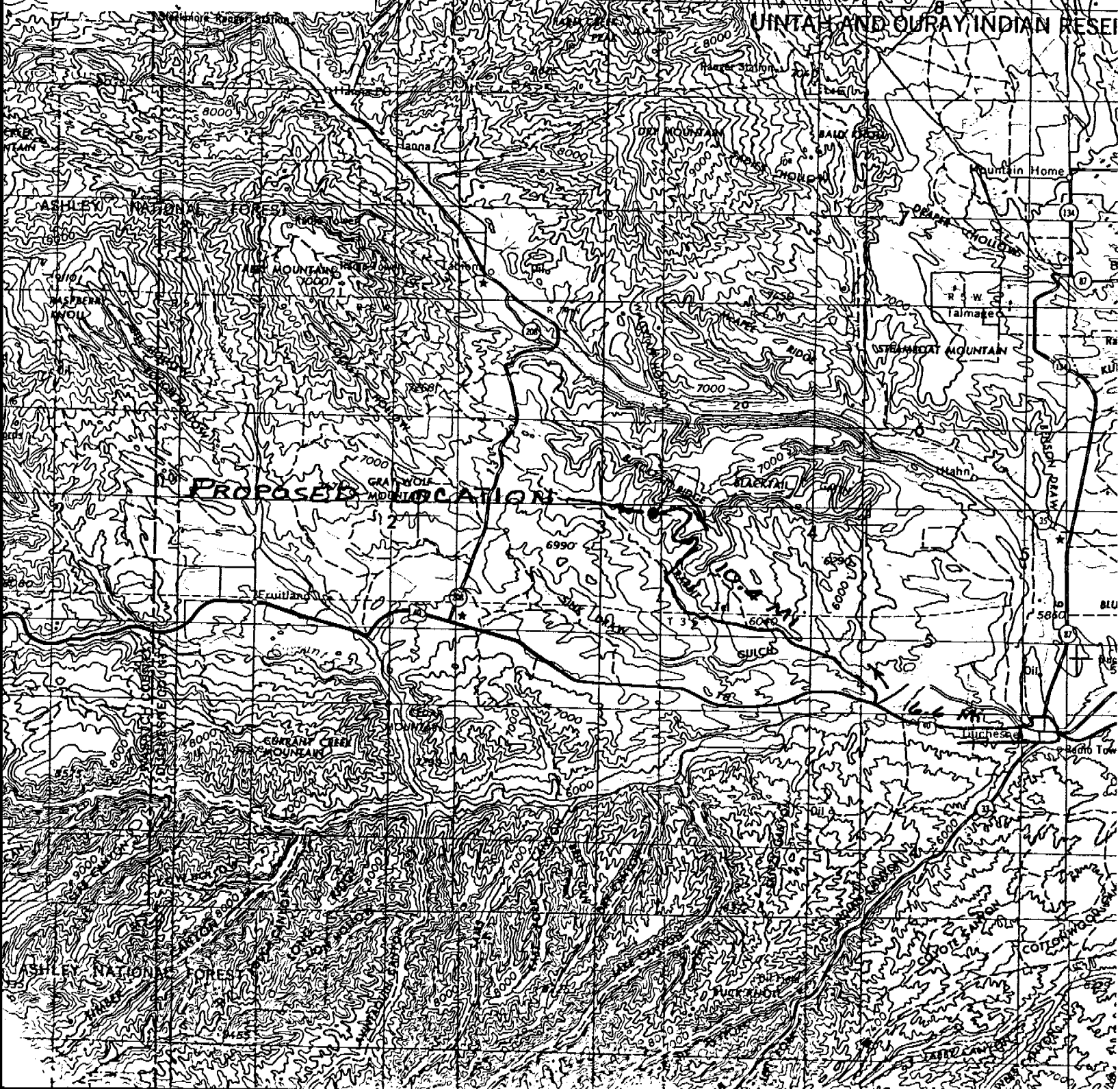
Attachment No. EXHIBIT "B"

DIAMOND SHAMROCK
PROPOSED LOCATION
PETT FEE #2-1C7

TOPO. MAP "A"



SCALE - 1" = 4 MI.



** FILE NOTATIONS **

DATE: March 4, 1980

Operator: Diamond Shamrock

Well No: Pett See #2-1C7

Location: Sec. 1 T. 35 R. 7W County: Duchesne

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☐

☒ API Number 43-013-30525

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: OK contingent on bond being filed

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. 139-8 9/20/72

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation 3E

Plotted on Map ☒

Approval Letter Written ☒
ltm

#3.
Contingent
upon a bond

NE
PI

March 7, 1980

Diamond Shamrock
5730 West Yellowstone
Casper, Wyoming 82601

Re: Well No. Pett Fee #2-1C7
Sec. 1, T. 3S, R. 7W.,
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 139-8 dated September 20, 1972. However, approval is contingent upon a drilling and plugging bond being filed with this Division.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30525.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

cc: Gene Stewart

October 30, 1980

Diamond Shamrock
5730 West Yellowstone
Casper, Wyoming 82601

RE: Well No. Pett Fee #2-1C7
Sec. 1, T. 3S, R. 7W,
Duchesne County, Utah

Gentlemen:

In reference to above mentioned well(s), considerable time had gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING


DEBBIE BEAUREGARD
CLERK-TYPIST

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Diamond Shamrock Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 5730 W. Yellowstone Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,032' FEL & 1,597' FNL SE/NE		8. FARM OR LEASE NAME Pett Fee
14. PERMIT NO.		9. WELL NO. 2-1C7
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6,785' GR		10. FIELD AND POOL, OR WILDCAT Wasatch
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T3S, R7W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Diamond Shamrock Corporation has not spudded this well. There has been a temporary delay due to difficulties in securing surface and damage agreements with the surface owners. We plan on drilling within the next six (6) months. The State of Utah will be notified of our spudding.

RECEIVED

NOV 17 1980

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

James M. Pachubski

Safety & Environmental Engineer

TITLE

DATE 11-13-80

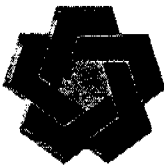
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building - Salt Lake City, UT 84114 - 801-533-5771

January 5, 1982

Diamond Shamrock Corp.
85 South 200 East
Vernal, Utah 84078

Re: Well No. Allen Federal #23-6
Sec. 6, T. 9S, R. 17E
Duchesne County, Utah

Well No. Pett Fee #2-1C7
Sec. 1, T. 3S, R. 7W
Duchesne County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Cari Furse
Clerk Typist

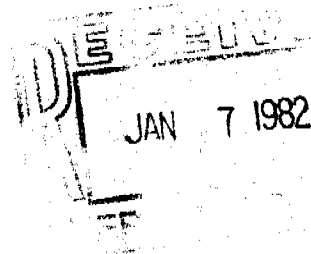


STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 5, 1982



Diamond Shamrock Corp.
85 South 200 East
Vernal, Utah 84078

789-5270

Talked to Receptionist -
Said she'd send WC
& all drilling info.

1-25-82

Re: Well No. Allen Federal #23-6
Sec. 6, T. 9S, R. 17E
Duchesne County, Utah

Well No. Pett Fee #2-1C7
Sec. 1, T. 3S, R. 7W
Duchesne County, Utah

- Will start sending
9329 ea. mo.

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Cari Furse
Clerk Typist



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Felght, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 5, 1982

Diamond Shamrock Corp.
85 South 200 East
Vernal, Utah 84078

Re: Well No. Allen Federal #23-6
Sec. 6, T. 9S, R. 17E
Duchesne County, Utah

Well No. Pett Fee #2-1C7
Sec. 1, T. 3S, R. 7W
Duchesne County, Utah

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In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR Diamond Shamrock Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 5730 West Yellowstone Casper, Wyoming 82601		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1032' FEL, 1597' FNL SE/NE		8. FARM OR LEASE NAME Pett Fee	
14. PERMIT NO.		9. WELL NO. #2-1C7	
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Wasatch	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T3S, R7W	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Operations Report <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Diamond Shamrock Corporation has not spudded this well. There has been a delay due to difficulties in securing surface and damage agreements with the surface owners. The State of Utah will be notified by Diamond Shamrock Corporation upon spudding.

18. I hereby certify that the foregoing is true and correct

SIGNED Wes Childers TITLE Dist. Drlg. Supt. DATE 1-13-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Rewrite June

18

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

- | | |
|--|-----------|
| 5. LEASE DESIGNATION AND SERIAL NO. | |
| Fee | |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| - - - | |
| 7. UNIT AGREEMENT NAME | |
| - - - | |
| 8. FARM OR LEASE NAME | |
| Pett Fee | |
| 9. WELL NO. | |
| 2-1C7 | |
| 10. FIELD AND POOL, OR WILDCAT | |
| Wasatch | |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA | |
| Sec. 1, T3S, R7W | |
| 12. COUNTY OR PARISH | 13. STATE |
| Duchesne | Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Due to further evaluation, Diamond Shamrock Corporation wishes to serve notification of canceling of the above listed location.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Dist. Drlg. Supt.

DATE Sept. 17, 1982

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

***See Instructions on Reverse Side**